

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10559-611001	Application No. 10/066,297
O P E Information Disclosure Statement by Applicant <small>JUL 12 2004 (37 CFR §1.98(b))</small> <small>use several sheets if necessary)</small>		Applicant Gilbert Wolrich et al. Filing Date 02/01/02 Group Art Unit Unknown 2666			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date RECEIVED MA appropriate
SH	AA	09/475,614	12/30/1999	Wolrich et al.	—	—	JUL 13 2004
SH	AB	09/473,571	12/28/1999	Wolrich et al.	—	—	

Technology Center 2600

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
SH	AC	WO 01/50679	07/12/2001	WIPO	—	—	
	AD	WO 01/50247	07/12/2001	WIPO	—	—	
	AE	WO 01/48619	07/05/2001	WIPO	—	—	
	AF	WO 01/48606	07/05/2001	WIPO	—	—	
	AG	WO 01/48596	07/05/2001	WIPO	—	—	
	AH	WO 01/16782	03/08/2001	WIPO	—	—	
	AI	WO 01/16770	03/08/2001	WIPO	—	—	
	AJ	WO 01/16769	03/08/2001	WIPO	—	—	
	AK	WO 01/15718	03/08/2001	WIPO	—	—	
	AL	WO 97/38372	10/16/1997	WIPO	—	—	
	AM	WO 94/15287	07/07/1994	WIPO	—	—	
	AN	EP 0 809 180	11/26/1997	Europe	—	—	
	AO	EP 0 745 933	12/04/1996	Europe	—	—	
	AP	EP 0 633 678	01/11/1995	Europe	—	—	
	AQ	EP 0 464 715	01/08/1992	Europe	—	—	
	AR	EP 0 379 709	08/01/1990	Europe	—	—	
SH	AS	59111533	06/27/1984	Japan	—	—	Abstract only

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
SH	AT	Byrd et al., "Multithread Processor Architectures," <i>IEEE Spectrum</i> , Vol. 32, No. 8, New York, 1 August 1995, pp. 38-46.
SH	AU	Doyle et al., <i>Microsoft Press Computer Dictionary</i> , 2 nd ed., Microsoft Press, Redmond, Washington, USA, 1994, p. 326.

Examiner Signature	Date Considered
S. How	1.3.06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-611001	Application No. 10/066,297
O P E R A T I O N S Information Disclosure Statement by Applicant JUL 12 2004 (Use several sheets if necessary) 17 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date 02/01/02	Group Art Unit Unknown 2666

RECEIVED

JUL 13 2004

Other Documents (include Author, Title, Date, and Place of Publication)			Technology Center 2600
Examiner Initial	Desig. ID	Document	
SH	AV	Fillo et al., "The M-Machine Multicomputer," IEEE Proceedings of MICRO-28, 1995, pp. 146-156.	
	AW	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.	
	AX	Haug et al., "Reconfigurable hardware as shared resource for parallel threads," IEEE Symposium on FPGAs for Custom Computing Machines, 1998.	
	AY	Hauser et al., "Garp: a MIPS processor with a reconfigurable coprocessor," Proceedings of the 5 th Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1997.	
	AZ	Hyde, R., "Overview of Memory Management," <i>Byte</i> , vol. 13, no. 4, 1998, pp. 219-225.	
	AAA	Litch et al., "StrongARMing Portable Communications," IEEE Micro, 1998, pp. 48-55.	
	ABB	Schmidt et al., "The Performance of Alternative Threading Architectures for Parallel Communication Subsystems," Internet Document, <i>Online!</i> , 13 November 1998.	
	ACC	Thistleton et al., "A Processor Architecture for Horizon," IEEE, 1998, pp. 35-41.	
	ADD	Tremblay et al., "A Three Dimensional Register File for Superscalar Processors," IEEE Proceedings of the 28 th Annual Hawaii International Conference on System Sciences, 1995, pp. 191-201.	
	AEE	Trimberger et al., "A time-multiplexed FPGA," Proceedings of the 5 th Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1998.	
	AFF	Turner et al., "Design of a High Performance Active Router," Internet Document, <i>Online</i> , 18 March 1999.	
	AGG	Vibhatavani et al., "Simultaneous Multithreading-Based Routers," Proceedings of the 2000 International Conference of Parallel Processing, Toronto, Ontario, Canada, 21-24 August 2000, pp. 362-359.	
SH	AHH	Wazlowski et al., "PRSIM-II computer and architecture," IEEE Proceedings, Workshop on FPGAs for Custom Computing Machines, 1993.	

Examiner Signature <i>S. Hom</i>	Date Considered <i>1-3-06</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

RECEIVED

OCT 28 2004

Title of Invention	PROCESSING DATA PACKETS	Technology Center 2600
--------------------	-------------------------	------------------------

Application Number: 10/066297



Confirmation Number: 2052

First Named Applicant: Gilbert Wolrich

Attorney Docket Number: 10559-611001

Search string: (6694380 or 6681300 or 6668317 or 6667920
or 6661794 or 6631462 or 6631430 or 6625654
or 6606704 or 6587906 or 6584522 or 6577542
or 6560667 or 6552826 or 6532509 or 6522188
or 6463072 or 6434145 or 6430626 or 6427196
or 6426940 or 6415338 or 6393483 or 6389449
or 6373848 or 6360262 or 6359911 or 6356962
or 6347344 or 6345334 or 6324624 or 6307789
or 6298370 or 6289011 or 6279113 or 6275505
or 6272616 or 6256713 or 6247025 or 6223279
or 6223238 or 6223207 or 6216220 or 6212611
or 6212542 or 6201807 or 6199133 or 6195676
or 6182177 or 6160562).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
SL	1	6694380	2004-02-17	Wolrich, et al			
	2	6681300	2004-01-20	Wolrich, et al			
	3	6668317	2003-12-23	Bernstein, et al			
	4	6667920	2003-12-23	Wolrich, et al			
	5	6661794	2003-12-09	Wolrich, et al			
	6	6631462	2003-10-07	Wolrich, et al			
	7	6631430	2003-10-07	Wolrich, et al			
	8	6625654	2003-09-23	Wolrich, et al			
	9	6606704	2003-08-12	Adiletta, et al			
	10	6587906	2003-07-01	Wolrich, et al			
SH	11	6584522	2003-06-24	Wolrich, et al			

APP_ID=10066297

10/26/2004 HUODNG1 00000039 061050 10066297
01 FC:1800 180,00 DA

54	12	6577542	2003-06-10	Wolrich, et al
	13	6560667	2003-05-06	Wolrich, et al
	14	6552826	2003-04-22	Adler, et al
	15	6532509	2003-03-11	Wolrich, et al
	16	6522188	2003-02-18	Poole
	17	6463072	2002-10-08	Wolrich, et al
	18	6434145	2002-08-13	Opsasnick, et al
	19	6430626	2002-08-06	Witkowski, et al
	20	6427196	2002-07-30	Adiletta, et al
	21	6426940	2002-07-30	Seo, et al
	22	6415338	2002-07-02	Habot
	23	6393483	2002-05-21	Latif, et al
	24	6389449	2002-05-14	Nemirovsky, et al
	25	6373848	2002-04-16	Allison, et al
	26	6360262	2002-03-19	Guenther, et al
	27	6359911	2002-03-19	Movshovich, et al
	28	6356962	2002-03-12	Kasper, et al
	29	6347344	2002-02-12	Baker, et al
	30	6345334	2002-02-05	Nakagawa, et al
	31	6324624	2001-11-27	Wolrich, et al
	32	6307789	2001-10-23	Wolrich, et al
	33	6298370	2001-10-02	Tang, et al
	34	6289011	2001-09-11	Seo, et al
	35	6279113	2001-08-21	Vaidya
	36	6275505	2001-08-14	O Loughlin, et al
	37	6272616	2001-08-07	Fernando, et al
	38	6256713	2001-07-03	Audityan, et al
	39	6247025	2001-06-12	Bacon
	40	6223279	2001-04-24	Nishimura, et al
	41	6223238	2001-04-24	Meyer, et al
	42	6223207	2001-04-24	Lucovsky, et al
	43	6216220	2001-04-10	Hwang
	44	6212611	2001-04-03	Nizar, et al
	45	6212542	2001-04-03	Kahle, et al
	46	6201807	2001-03-18	Prasanna
54	47	6199133	2001-03-06	Schnell

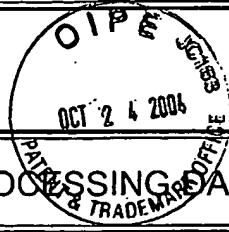
SH	48	6195676	2001-02-27	Spix, et al
I	49	6182177	2001-01-30	Harriman
SH	50	6160562	2000-12-12	Chin, et al

Signature

Examiner Name	Date
S. Hahn	1.3.06

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0



RECEIVED

OCT 28 2004

Technology Center 2600

Title of Invention

PROCESSING DATA PACKETS

Application Number: 10/066297



Confirmation Number: 2052

First Named Applicant: Gilbert Wolrich

Attorney Docket Number: 10559-611001

Search string: (3792441 or 3478322 or 3373408 or 6092127 or 6079008 or 6072781 or 6014729 or 6012151 or 5978838 or 5958031 or 5905876 or 5390329 or 5168555 or 5761507 or 5961628 or 6728845 or 20030110166 or 20040073778 or 20040054880 or 20030115426 or 20030115347 or 20030131022 or 20030131198 or 20030140196 or 20040039895 or 20040071152 or 20040073728 or 20040098496 or 20040109369).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
sA	1	3792441	1974-02-12	Wymore, et al.			
	2	3478322	1969-11-11	Evans			
	3	3373408	1968-03-12	Ling			
	4	6092127	2000-07-18	Tausheck			
	5	6079008	2000-06-20	Clery, III			
	6	6072781	2000-06-06	Feeney, et al.			
	7	6014729	2000-01-11	Lannan, et al.			
	8	6012151	2000-01-04	Mano			
	9	5978838	1999-11-02	Mohamed, et al.			
	10	5958031	1999-09-28	Kim			
	11	5905876	1999-08-18	Pawlowski, et al.			
	12	5390329	1995-02-14	Gaertner, et al.			
	13	5168555	1992-12-01	Byers, et al.			
	14	5761507	1988-06-02	Govett			
	15	5961628	1999-10-05	Nguyen, et al.			
sA	16	6728845	2004-04-27	Adiletta, et al.			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Init	Cite. No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
54	1	20030110166	2003-06-12	Wolrich et al.			
	2	20040073778	2004-04-15	Adiletta et al.			
	3	20040054880	2004-03-18	Bernstein et al.			
	4	20030115426	2003-06-19	Rosenbluth et al.			
	5	20030115347	2003-06-19	Wolrich et al.			
	6	20030131022	2003-07-17	Wolrich et al.			
	7	20030131198	2003-07-10	Wolrich et al.			
	8	20030140196	2003-07-24	Wolrich et al.			
	9	20040039895	2004-02-26	Wolrich et al.			
	10	20040071152	2004-04-15	Wolrich et al.			
	11	20040073728	2004-04-15	Wolrich et al.			
	12	20040098496	2004-05-20	Wolrich et al.			
54	13	20040109369	2004-06-10	Wolrich et al.			

Signature

Examiner Name	Date
S. How	1-3-06

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0



Title of Invention

PROCESSING DATA PACKETS

Application Number: 10/066297

Confirmation Number: 2052

First Named Applicant: Gilbert Wolrich

Attorney Docket Number: 10559-611001

Search string: (5721870 or 5717898 or 5699537 or 5689566 or 5680641 or 5659687 or 5649157 or 5644623 or 5630130 or 5627829 or 5623489 or 5613136 or 5613071 or 5592622 or 5574922 or 5568617 or 5557766 or 5550816 or 5544236 or 5542088 or 5542070 or 5517648 or 5467452 or 5463625 or 5459842 or 5452437 or 5450351 or 5448702 or 5432918 or 5404464 or 5404482 or 5392412 or 5392411 or 5392391 or 5367678 or 5347648 or 5263169 or 5255239 or 5173897 or 5155854 or 5155831 or 5142683 or 5140685 or 4866664 or 4745544 or 4523272 or 4514807 or 4400770 or 4130890 or 3940745).pn.

RECEIVED

OCT 28 2004

Technology Center 2600

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
54	1	5721870	1998-02-24	Matsumoto			
	2	5717898	1998-02-10	Kagan, et al			
	3	5699537	1997-12-16	Sharangpani, et al			
	4	5689566	1997-11-18	Nguyen			
	5	5680641	1997-10-21	Sidman			
	6	5659687	1997-08-19	Kim, et al			
	7	5649157	1997-07-15	Williams			
	8	5644623	1997-07-01	Gulledge			
	9	5630130	1997-05-13	Perotto, et al			
	10	5627829	1997-05-06	Gleeson, et al			
	11	5623489	1997-04-22	Cotton, et al			
	12	5613136	1997-03-18	Casavant, et al			
	13	5613071	1997-03-18	Rankin, et al			
	14	5592622	1997-01-07	Isfeld, et al			
	15	5574922	1996-11-12	James			
54	16	5568617	1996-10-22	Kametani			

SH	17	5557766	1996-09-17	Takiguchi, et al
	18	5550816	1996-08-27	Hardwick, et al
	19	5544236	1996-08-06	Andruska, et al
	20	5542088	1996-07-30	Jennings, Jr, et al
	21	5542070	1996-07-30	LeBlanc, et al
	22	5517648	1996-05-14	Bertone, et al
	23	5467452	1995-11-14	Blum, et al
	24	5463625	1995-10-31	Yasrebi
	25	5459842	1995-10-17	Begin, et al
	26	5452437	1995-09-19	Richey, et al
	27	5450351	1995-09-12	Heddes
	28	5448702	1995-09-05	Garcia, Jr, et al
	29	5432918	1995-07-11	Stamm
	30	5404464	1995-04-04	Bennett
	31	5404482	1995-04-04	Stamm, et al
	32	5392412	1995-02-21	McKenna
	33	5392411	1995-02-21	Ozaki
	34	5392391	1995-02-21	Caulk, Jr, et al
	35	5367678	1994-11-22	Lee, et al
	36	5347648	1994-09-13	Stamm, et al
	37	5263169	1993-11-16	Genusov, et al
	38	5255239	1993-10-19	Tabor, et al
	39	5173897	1992-12-22	Schrodi, et al
	40	5155854	1992-10-13	Flynn, et al
	41	5155831	1992-10-13	Emma, et al
	42	5142683	1992-08-25	Burkhardt, Jr, et al
	43	5140685	1992-08-18	Sipple, et al
	44	4866664	1989-09-12	Burkhardt, Jr, et al
	45	4745544	1988-05-17	Renner, et al
	46	4523272	1985-06-11	Fukunaga, et al
	47	4514807	1985-04-30	Nogi
	48	4400770	1983-08-23	Chan, et al
	49	4130890	1978-12-19	Adam
SH	50	3940745	1976-02-24	Sajeva

RECEIVED

OCT 28 2004

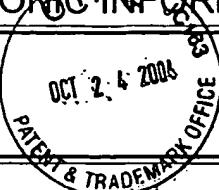
Technology Center 2600

Signature

Examiner Name	Date
S. Hsu	1.3.06

61
ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0



Title of Invention

PROCESSING DATA PACKETS

Application Number: 10/066297



Confirmation Number: 2052

First Named Applicant: Gilbert Wolrich

Attorney Docket Number: 10559-611001

Search string: (6157955 or 6145054 or 6144669 or 6141765 or 6141689 or 6134665 or 6112016 or 6092158 or 6085294 or 6085215 or 6073215 or 6070231 or 6067585 or 6058168 or 6023742 or 5983274 or 5974518 or 5970013 or 5948081 or 5946487 or 5940866 or 5940612 or 5937187 or 5938736 or 5915123 or 5905889 or 5892979 or 5890208 or 5887134 or 5886992 or 5860158 or 5854922 or 5835755 or 5832215 or 5828863 or 5828746 or 5812868 or 5809530 or 5809235 or 5797043 or 5796413 or 5784712 or 5784649 or 5781774 or 5761522 or 5751987 or 5745913 or 5742822 or 5742782 or 5742587).pn.

RECEIVED

OCT 28 2004

Technology Center 2600

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
SH	1	6157955	2000-12-05	Narad, et al			
	2	6145054	2000-11-07	Mehrotra, et al			
	3	6144669	2000-11-07	Williams, et al			
	4	6141765	2000-10-31	Sherman			
	5	6141689	2000-10-31	Yasrebi			
	6	6134665	2000-10-17	Klein, et al			
	7	6112016	2000-08-29	MacWilliams, et al			
	8	6092158	2000-07-18	Harriman, et al			
	9	6085294	2000-07-04	Van Doren, et al			
	10	6085215	2000-07-04	Ramakrishnan, et al			
	11	6073215	2000-06-06	Snyder			
	12	6070231	2000-05-30	Ottinger			
	13	6067585	2000-05-23	Hoang			
	14	6058168	2000-05-02	Braband			
	15	6023742	2000-02-08	Ebeling, et al			
SH	16	5983274	1999-11-09	Hyder, et al			

SH	17	5974518	1999-10-26	Nogradi
	18	5970013	1999-10-19	Fischer, et al
	19	5948081	1999-09-07	Foster
	20	5946487	1999-08-31	Dangelo
	21	5940866	1999-08-17	Chisholm, et al
	22	5940612	1999-08-17	Brady, et al
	23	5937187	1999-08-10	Kosche, et al
	24	5938736	1999-08-17	Muller, et al
	25	5915123	1999-06-22	Mirsky, et al
	26	5905889	1999-05-18	Wilhelm, Jr
	27	5892979	1999-04-06	Shiraki, et al
	28	5890208	1999-03-30	Kwon
	29	5887134	1999-03-23	Ebrahim
	30	5886992	1999-03-23	Raatikainen, et al
	31	5860158	1999-01-12	Pai, et al
	32	5854922	1998-12-29	Gravenstein, et al
	33	5835755	1998-11-10	Stellwagen, Jr
	34	5832215	1998-11-03	Kato, et al
	35	5828863	1998-10-27	Barrett, et al
	36	5828746	1998-10-27	Ardon
	37	5812868	1998-09-22	Moyer, et al
	38	5809530	1998-09-15	Samra, et al
	39	5809235	1998-09-15	Sharma, et al
	40	5797043	1998-08-18	Lewis, et al
	41	5796413	1998-08-18	Shipp, et al
	42	5784712	1998-07-21	Byers, et al
	43	5784649	1998-07-21	Begur, et al
	44	5781774	1998-07-14	Krick
	45	5761522	1998-06-02	Hisanaga, et al
	46	5751987	1998-05-12	Mahant Shetti, et al
	47	5745913	1998-04-28	Pattin, et al
	48	5742822	1998-04-21	Motomura
	49	5742782	1998-04-21	Ito, et al
SH	50	5742587	1998-04-21	Zornig, et al

Signature

Examiner Name	Date
S. Hom	1-3-06